

FIGURE 1

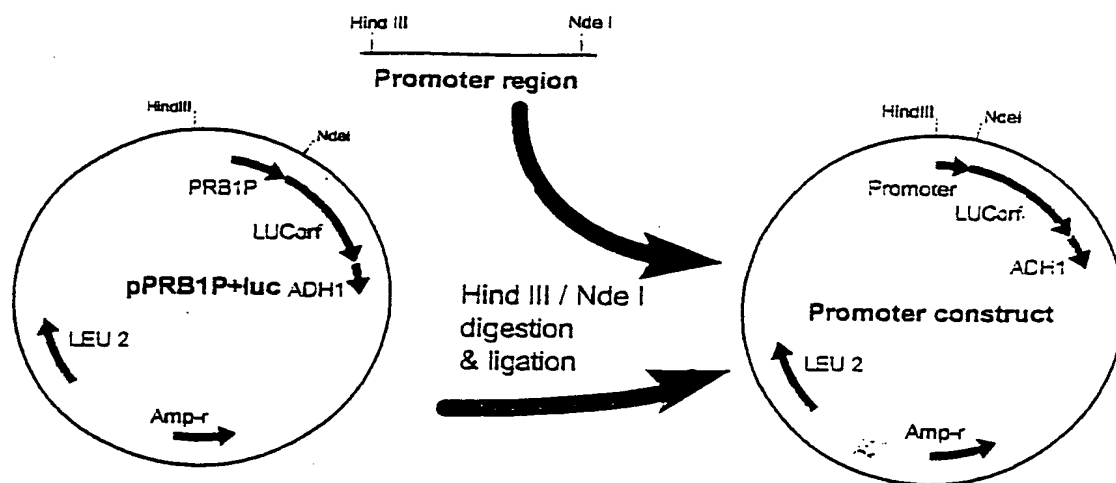


FIGURE 2

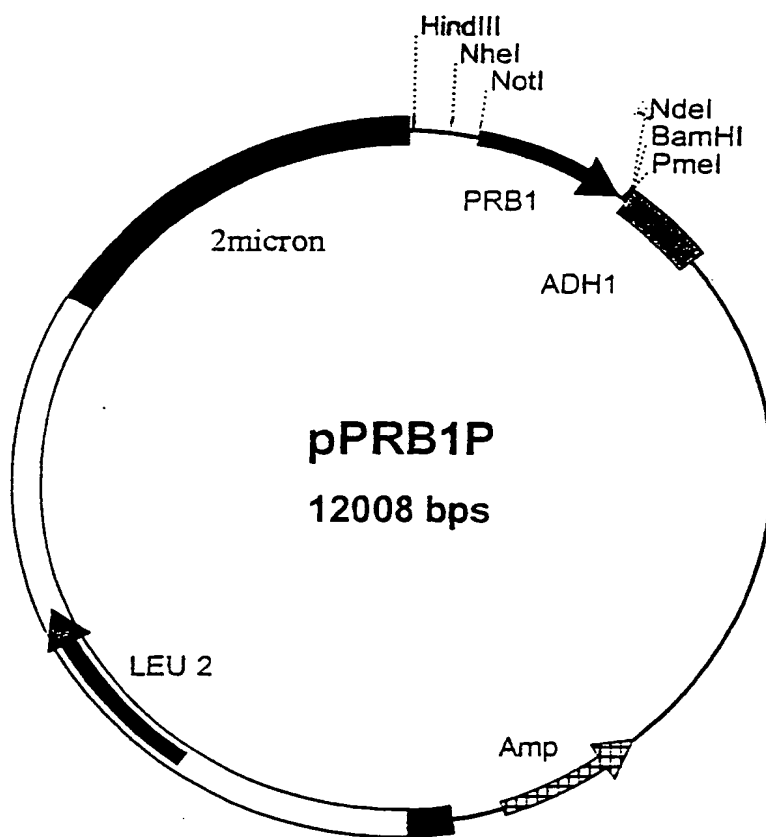


FIGURE 3

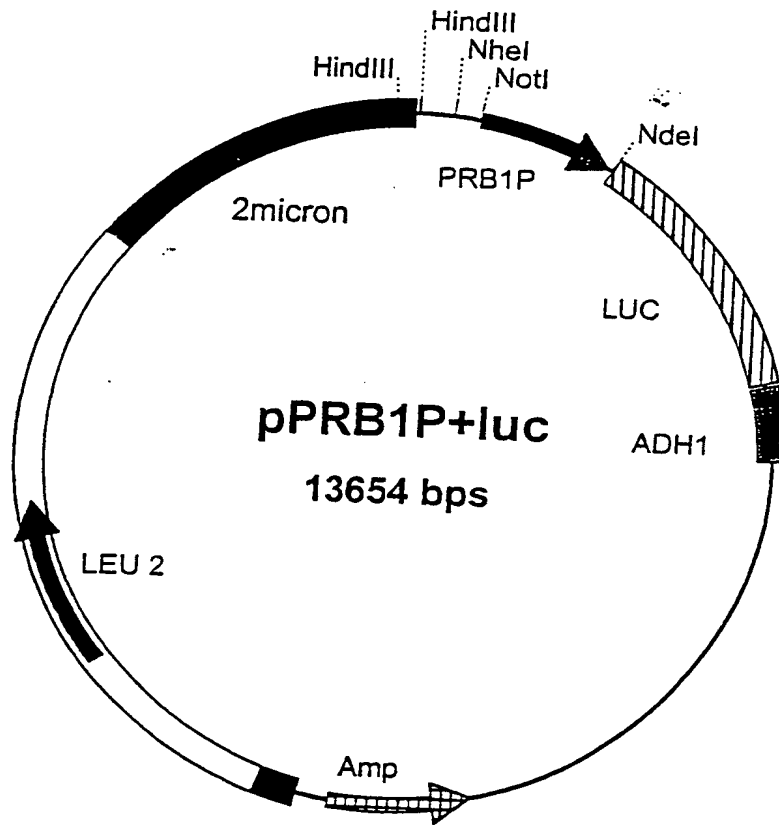


FIGURE 4

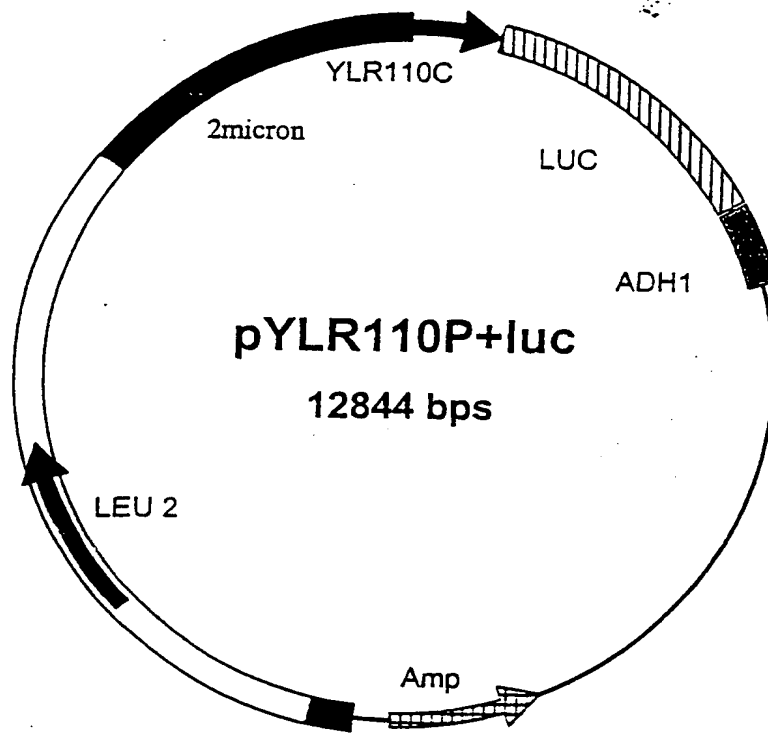


FIGURE 5

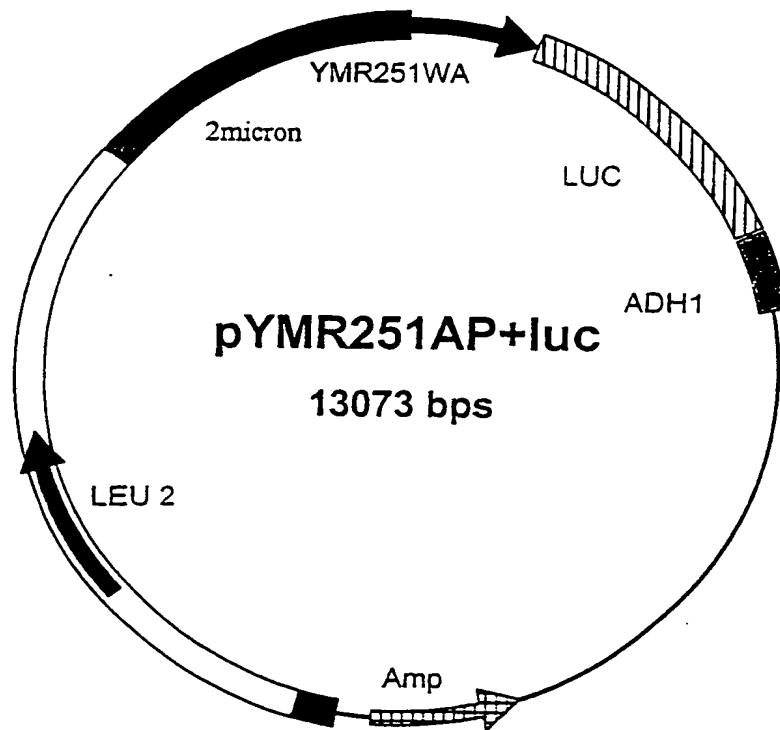


FIGURE 6

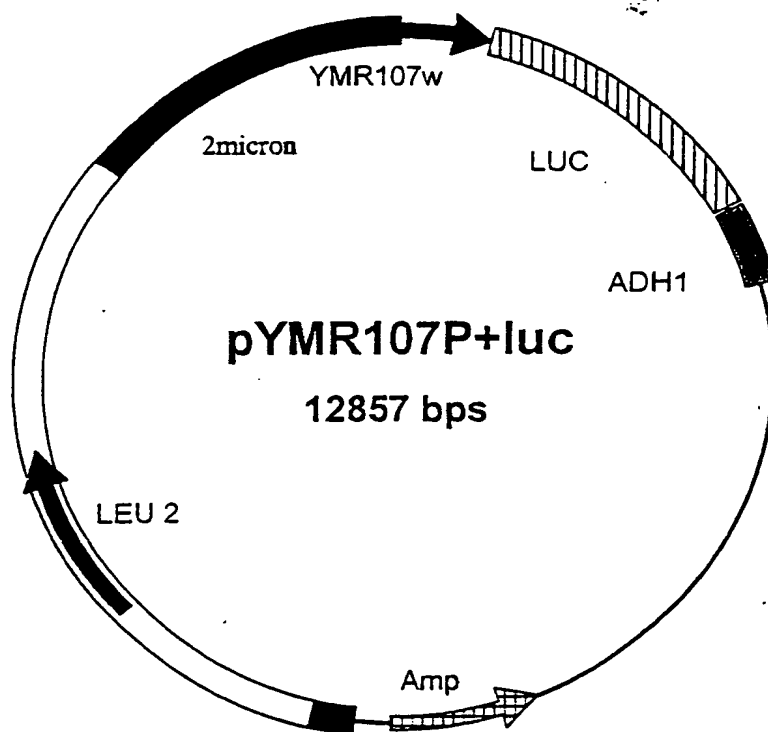


FIGURE 7

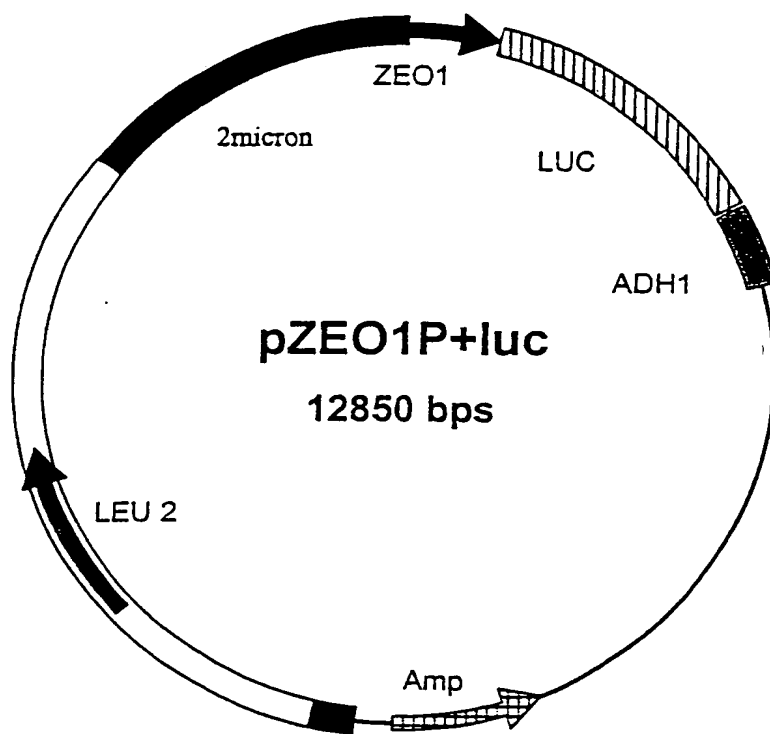


FIGURE 8



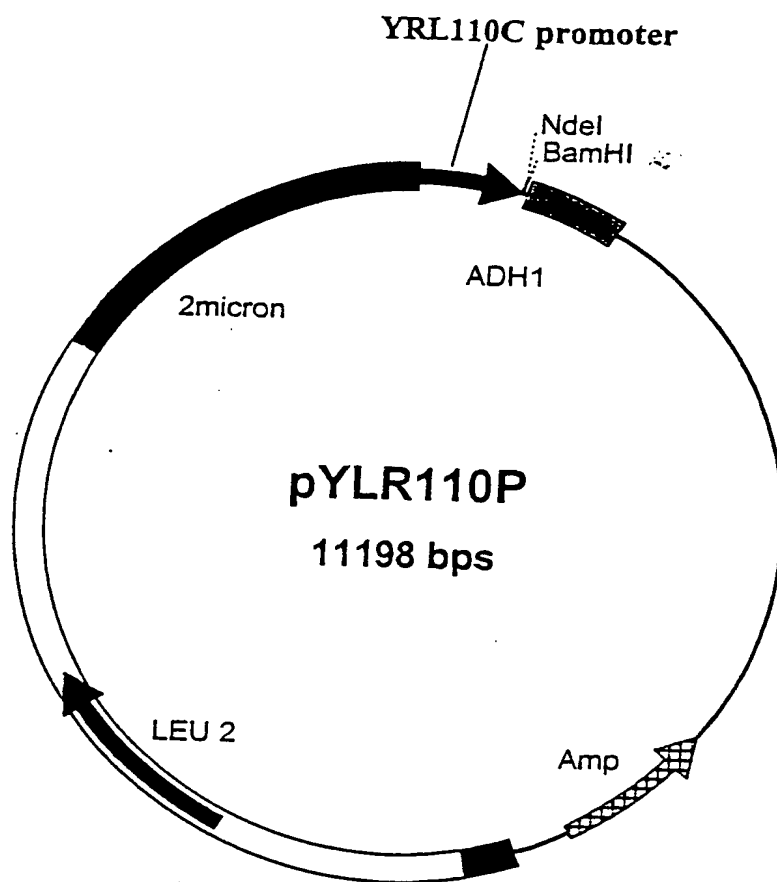


FIGURE 9

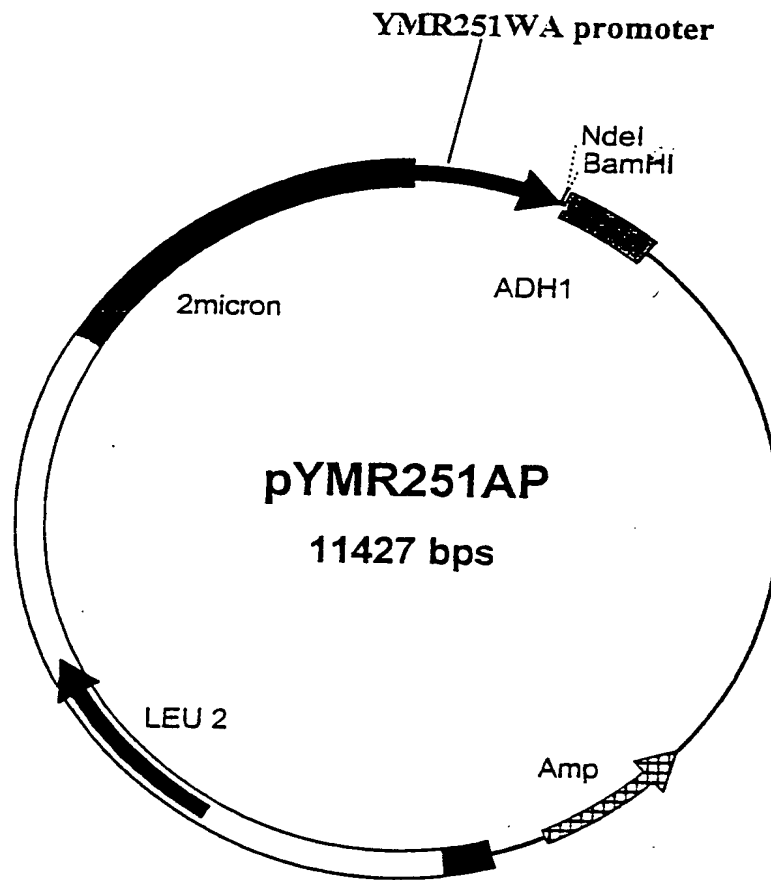


FIGURE 10

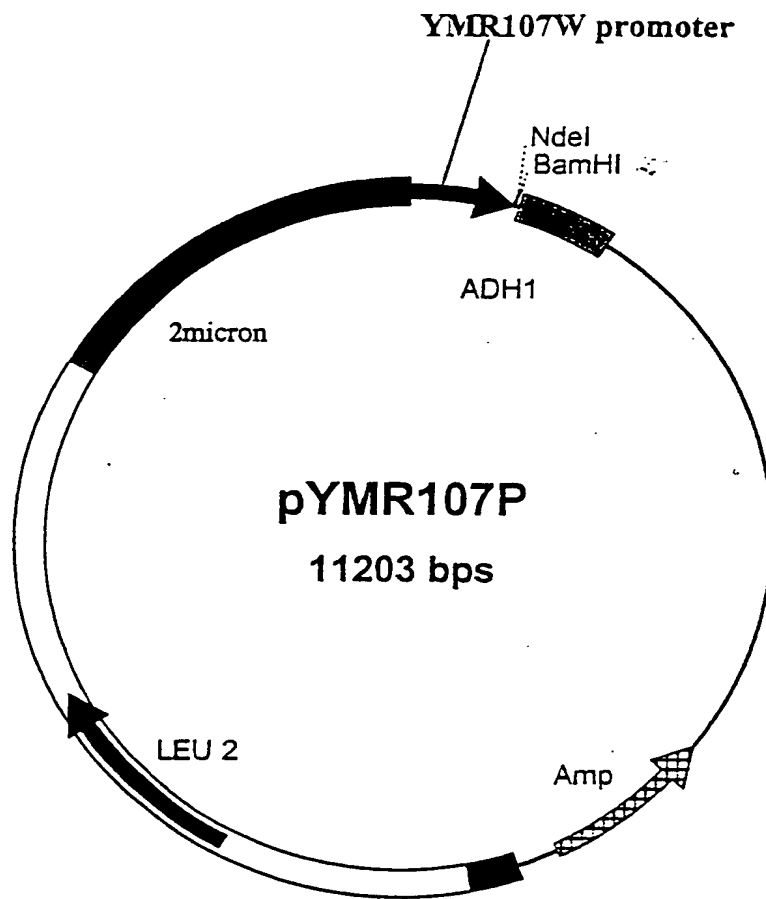


FIGURE 11

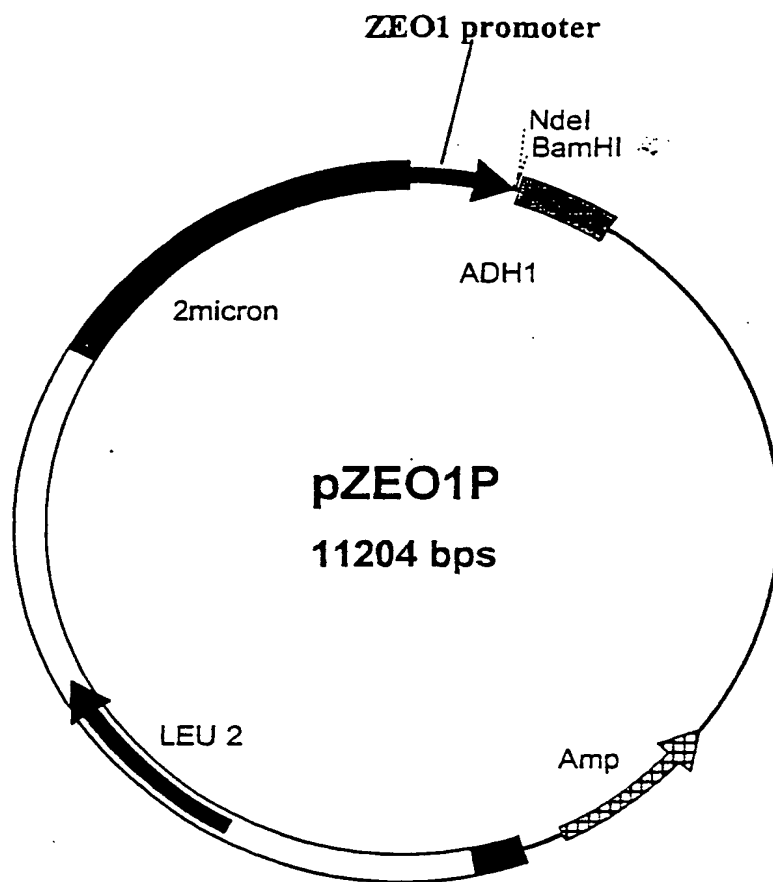


FIGURE 12

**Figure 13 YLR110C promoter region (SEQ ID NO:29)**

Sequence shown: Chr XII 370650 to 370051 (reverse orientation)

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1   AGAACCAAT GGGAAATCG GAATGGGTCC AGAATGCTT TGAGTGCTGG
    TCTTGGTTA CCTTTTAGC CTTACCCAGG TCTTGACGA ACTCAGACC
ATGCAAGCTTCGCGGCCGC          YLR-F
51  CTATTGGCGT CTGATTTCG TTTTGGGAAT CCTTTGCCGC GCGCCCCCTCT
    GATAACCGCA GACTAAAGGC AAAACCCCTA GGAAACGGCG CCGCGGGAGA
101 CAAACTCCG CACAAGTCCC AGAAAGCGGG AAAGAAATTA AACGCCACCA
    GTTTGGAGGC GTGTTCAAGG TCTTCGCCC TTTCTTTATT TTGCGGTGGT
151 AAAAAAAAA AATAAAGCC AATCCTCGAA GCGTGGGTGG TAGGCCCTGG
    TTTTTTTTT TTAATTTTCG TTAGGAGCTT CGCACCACCC ATCGGGGACC
201 ATTATCCCGT ACAAGTATTT CTCAGGAGTA AAAAAACCGT TTGTTTTGGA
    TAATAGGGCA TGTTCAATAA GAGTCCTCAT TTTTTTGGCA AACAAAACCT
251 ATTCCCCATT TCGCGGCCAC CTACGCCGCT ATCTTTGCAA CAACTATCTG
    TAAGGGGTAA AGCGCCGGTG GATGCGGCGA TAGAAACGTT GTTGATAGAC
301 CGATAACTCA GCAAATTTTG CATATTCGTG TTGCAGTATT GCGATAATGG
    GCTATTGAGT CGTTTAAAC GTATAAGCAC AACGTCATAA CGCTATTACC
351 GAGTCTTACT TCCAACATAA CGGCAGAAAG AAATGTGAGA AAATTTTGCA
    CTCAGAATGA AGGTTGTATT GCCGTCTTTC TTTACACTCT TTTAAACGT
401 TCCTTTGCCT CCGTTCAGT ATATAAAGTC GGCATGCTTG ATAATCTTC
    AGGAAACCGA GGCAAGTTCA TATATTTAG CCGTACGAAC TATTAGAAAG
451 TTTCCATCCT ACATTGTTCT AATTATTCTT ATTCTCCTTT ATTCTTTCCT
    AAAGGTAGGA TGTAACAAGA TTAATAAGAA TAAGAGGAAA TAAGAAAGGA
501 AACATACCAA GAAATTAATC TTCTGTCATT CGCTTAAACA CTATATCAAT
    TTGTATGGTT CTTTAATTAG AAGACAGTAA GCGAATTTGT GATATACTTA
551 AATGCAATTT TCTACTGTCG CTTCTATCGC CGCTGTGCGC GCTGTGCGTT
    TTACGTTAAA AGATGACAGC GAAGATAGCG GCGACAGCGG CGACAGCGAA
A   CCGGACC

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← YLR-R                      GT

YLR111W ORF = Underline

YLR110C ORF = Bold

YLR-F = SEQ ID NO:5

YLR-R = SEQ ID NO:6

Figure 14 YMR251WA promoter region (SEQ ID NO:30)

Sequence shown: CER XIII 773951 TO 774200

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1   GCCACGGGTC AACCCGATTG GGATCACCCC ACTGGGGCCC AAGCCTGATA
    CGGTGCCCCAG TTGGGCTAAC CCTAGTGGGG TGACCCCGGG ETCGGACTAT
    AGCTAAGCTTCGCGGCCGC                                YMR-F
51  TCCGACCTCC ATGAAATTTT TTTTTTCTT TCGATTAGCA CGCACACACA
    AGGCTGGAGG TACTTTAAAA AAAAAAAGAA AGCTAATCST GCSTGTGTGT

101 TCACATAGAC TGCCTCATAA AAATACACTA CGGAAAAACC ATAAAGAGCA
    AGTGTATCTG ACGCAGTATT TTTATGTGAT GCCTTTTGG TATTTCTCGT

151 AAGCGATACC TACTTGGAAG GAAAAGGAGC ACGCTTGTA GGGGGATGGG
    TTCGCTATGG ATGAACCTTC CTTTTCCTCG TCGCAACATT CCCGCTACCC

201 GGCTAAGAAG TCATTCACTT TCTTTCCCT TCGCGGTCCG GACCCGGGAC
    CCGATTCTTC AGTAAGTGAA AGAAAAGGA AGCGCCAGGC CTGGGCCCTG

251 CCCTCCTCTC CCCGCACGAT TTCTTCCTTT CATATCTTCC TTTTATTCTT
    GGGAGGAGAG GGGCGTGCTA AAGAAGGAAA GTATAGAAGG AAAATAAGGA

301 ATCCCGTTGA AGCAACCGCA CTATGACTAA ATGGTGCTGG ACATCTCCAT
    TAGGGCAACT TCGTTGGCGT GATACTGATT TACCACGACC TGTAGAGGTA

351 GGCTGTGACT TGTGTGTATC TCACAGTGGT AACGGCACCG TGGCTCGGAA
    CCGACACTGA ACACACATAG AGTGTACCA TTGCCGTGGC ACCGAGCCTT

401 ACGGTTCTTT CGTGACAATT CTAGAACAGG GGCTACAGTC TCGATAATAG
    TGCCAAGGAA GCACTGTTAA GATCTTGTC CCGATGTCAG AGCTATTATC

451 AATAATAAGC GCATTTTTGC TAGCGCCGCC GCGGC3CCCC TTTCCCAATA
    TTATTATTCTG CGTAAAAACG ATCGCGGCGG CGCCGCGGGC AAAGGGTTAT

501 GGGAGGCGCA GTTTATCGGC GGAGCTCTAC TTCTTCCTAT TTGGGTAAGC
    CCCTCCGCGT CAAATAGCCG CCTCGAGATG AAGAAGGATA AACCCATTCTG

551 CCCTTTCTGT TTTCGGCCAG TGGTTGCTGC AGGCTGCGCC GGAGAACATA
    GGGAAAGACA AAAGCCGGTC ACCAACGACG TCCGACGCGG CCTCTTGAT

601 GTGATAAGGG ATGTAACTTT CGATGAGAGA ATTAGCAAGC GGAAAAAAC*
    CACTATTCCC TACATTGAAA GCTACTCTCT TAATCGTTCT CCTTTTTTTG

651 TATGGCTAGC TGGGAGTTGT TTTTCAATCA TATAAAAGGG AGAAATTGTT
    ATACCGATCG ACCCTCAACA AAAAGTTAGT ATATTTTCCC TCTTTAACAA

701 GCTCACTATG TGACAGTTTC TGGGACGTCT TAACTTTTAT TGCAGAGGAC
    CGAGTGATAC ACTGTCAAAG ACCCTGCAGA ATTGAAAATA ACGTCTCCTG

751 TATCAAATCA TACAGATATT GTCAAAAAA AAAAAGACTA ATAATAAAAA
    ATAGTTTAGT ATGTCTATAA CAGTTTTTTT TTTTCTGAT TATTATTCTT
    C
801 ATGAAGTTAT CTCAAGTTGT TGTTCGCCG GTCGCCTTCA CTGGTTTAGT
    TACTTCAATA GAGTTCAACA ACAAGGCGG CAGCGGAAGT GACCAAATCA
    C

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YMR251W ORF = Underline

YMR251WA ORF = Bold

YMR-F = SEQ ID NO:7

YMR-R = SEQ ID NO:3

Figure 15 YMR107W PROMOTER REGION (SEQ ID NO:31)

Sequence shown: CHR XIII 482463 TO 483063

YMR107-F  
AGCTAAGCTTCGCGGCCGC

1 AAAGAATCCA TCACTATTG AAAAAAGTC ATCTGGCAGC TTTAATTATC  
 51 AGAGCAGAAA TGATGAAGGG TGTTAGCGCC GTCCACTGAT GTGCCTGGTA  
 101 GTCATGATTT ACGTATAACT AACACATCAT GAGGACGGCG GCGTCACCCC  
 151 AACGCAAAAG AGTGACTTCC CTGCGCTTTG CCAAAACCCC ATACATCGCC  
 201 ATCTGGCTCC TGGCAGGGCG GTTGATGGAC ATCAGCCGCC TCCCTTAATT  
 251 GCTAAAGCCT CCACAAGGCA CAATTAAGCA ATATTTCGGG AAAGTACACC  
 301 AGTCAGTTTG CGCTTTTATG ACTGGGTTCT AAGGTACTAG ATGTGAAGTA  
 351 GTGGTGACAG AATCAGGGAG ATAAGAGGGA GCAGGGTGGG GTAATGATGT  
 401 GCGATAACAA TCTTGCTTGG CTAATCACCC CCATATCTTG TAGTGAGTAT  
 451 ATAAATAGGA GCCTCCCTTC CTATTGCAAC TCCATAAAAT TTTTTTTTGT  
 501 AGCCACTTCT GTAACAAGAT AAATAAAACC AACTAATCGA GATATCAAT  
 MODIFICATION AT  
GATTAGCT CTATAGTGTA  
 551 ATGGGTAGTT TTTGGGACGC ATTCGCAGTA TACGACAAGA AAAAGCACGC  
TACCCTACCTA YMR107-R

YMR107W ORF = Bold  
 YMR107-F = SEQ ID NO:9  
 YMR107-R = SEQ ID NO:10

Figure 16 ZEO1 PROMOTER REGION (SEQ ID NO:32)

Sequence shown: CHR XV 109746 TO 110346

ZEO1-F  
 AGCTAAGCTTCGCGGCCGC

1 TTCAGGAGTC TCTCGCCTTA GAGCAGTACG TGGCGCAGCT AAACCTGCGCG  
 51 GGAGGTCGTGCTTCACGAGCG CCGTGTGCGC CTAGTATTGC CCCGACSGTC  
 101 CGGGTGCCCTA TCCCTAGATT TCGTCGTGCC CCGACCCAAA TAGTTAAACG  
 151 TGTGGTTTAT GGGTGCACCA GGGCTTTATC GTGTTTTATA TCGATGGCGA  
 201 TTTGTGCCTC CAGTGTATTT TTGTATATCC AATTAAGGTT TCTTACCTAA  
 251 TTTTATTTTT ATCATCTTTA GTAATGCTG GTTTGCTCTG TTTCTGCTGC  
 301 TTTCTGTGCG GTTCTCCTCT TCTCTTGTTT CTTCGTGTTG TCCCCCATCG  
 351 CCGATGGGCT TATATGGCGT ATATATATAG AGCGAGTTTT TACGTGGAAG  
 401 ATCATCTCAG TTTGCTTGAT AGCCTTTCTA CTTTATTACT TTCGTTTTTA  
 451 ACCTCATTAT ACTTTAGTTT TCTTTGATCG GTTTTTTTCT CTGTATACTT  
 501 AAAAGTTCAA ATCAAAGAAA CATACAAAAC TACGTTTATA TCAATTAATA  
 GCAAATAT AGTTAATGTA  
 551 ATGTCTGAAA ~~TZCAAAACAA~~ AGCTGAAACT GCCGCCCAAG ATGTCCAACA  
 TACGCTAGCAT ZEO1-R

YOL110W ORF = Underline  
 ZEO1 (YOL109W) ORF = Bold  
 ZEO1-F = SEQ ID NO:11  
 ZEO1-R = SEQ ID NO:12